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IN THE LINES STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

KOJIMA, T.

Atty. Ref.: 2635-170

Serial No. 10/649,770

Group: 2856

Filed: August 28, 2003

Examiner: Garber

For: GAS SENSOR HAVING INCREASED NUMBER OF LEAD WIRE

THROUGH HOLES

April 18, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Attached is a Form PTO-1449 listing the enclosed documents.

The listed documents were cited in the attached Japanese Official Communication issued in a counterpart foreign application. A translation of the Action is attached.

I hereby certify that each enclosed document listed on the herewith Form PTO-1449 was first cited in the attached Official Communication, dated March 8, 2005, issued in a counterpart foreign application not more than three months ago.

Note that JP-A-H09-229897 is not enclosed or listed as it has already been cited in this application.

Also not that USP 5,874,663 is the US counterpart to JP 9-196885 and USP 5,900,129 is the US counterpart to JP 9-054063. Therefore those US patents have also been listed for the Examiner's consideration as translations of the noted documents.

This Information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

KOJIMA, T. Serial No. 10/649,770

Consideration of the foregoing and enclosures plus the return of a copy of the herewith Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made [37 C.F.R. § 1.97(g)], an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists. Further, the filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner [Commissioner's Notice of January 9, 1992, 1135 O.G. 12-25 at 25].

Respectfully submitted,

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Sheet 1	of 1		OIPE				
INFORMATION DISCLOSURE CITATION		ATTY. DOCKET	NO.	SERIAL NO.			
		2635-170 APR 1 8 2005		10/649,770			
		APPLICANT	APR 1 8 2005				
		KOJIMA,	Г. APR 1 8 2005 ш				
(Use several sheets if necessary)		FILING DATE		GROUP			
		August 28, 2003		2856			
		Tragast 20,	2003	2030			
		U.S. PA	TENT DOCUMENTS				
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		DATE
	5,874,663	02/1999	Fukaya et al.				<u> </u>
	5,900,129	05/1999	Tsuji et al.				
					 		
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		FOREIGN I	PATENT DOCUMENTS				
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	ENGLIS YES	H ABST. NO
	61-159150	07/1986	JP			XX	
	2000-199752	07/2000	ЛР			XX	
	9-179694	07/1997	JP			XX	
	9-196885 9-054063	07/1997 JP			USP 5,874,663		
	9-034063	02/1997	JР		USP 5,90	0,129	
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— Т	OTHER DOCL	IMENTS (includin	g Author, Title, Date, Per	tinent pages, e	tc.)		
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Date Considered

*Examiner